



487386

NON-CONFORMANCE INCIDENT REPORT**DEPARTMENT**

Polyols

LOCATION

Wyandotte

INCIDENT DATE:

November 2, 1991

EMPLOYEE(S) INVOLVED:

Polyol Personnel

PRODUCT TYPE AND QUANTITY:Ethylene Oxide
Approximately 27 lbs**EXPLANATION OF NON-CONFORMANCE:**

Due to an incorrect pressure gauge on TK-101B, the nitrogen pad pressure was increased to make up for the apparent low pressure. Pad pressure continued to be increased until the East PSV on the tank lifted.

CAUSE OF INCIDENT:

The single pressure gauge on the EO tank was reading low and the output of the nitrogen pad regulator had been increased. The tank venting regulator had also been adjusted to keep the tank from venting at what seemed to be too low of a pressure.

This did not happen all at once. Both of these regulators had been adjusted over a period of several weeks.

IMMEDIATE CORRECTIVE ACTION:

The tank was switched to the West PSV. The pressure gauge was replaced with a new unit and both regulators on the EO tank were removed, recalibrated, and put back on the tank and vent.

CORRECTIVE ACTION TO PREVENT RECURRENCE:

A second pressure gauge was put on TK-101B to stop dependence on a single gauge. The gauges on the Propylene Oxide Storage Tanks were also changed.

Plant employees will be reminded of the importance of notifying maintenance or the shift supervisors when pressure regulators, or any equipment, seem to need continual adjustments to make the system operate correctly.

COST AND/OR ADVERSE EFFECTS:

Personnel time and materials.


SUPERVISOR11/12/91
DATE
DEPARTMENT HEAD11/12/91
DATE